Tel: 1-888-762-2568 Fax: 1-510-783-5386 Email: info@biochain.com

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: **Total or Compartmental Protein and panel**
Catalog Number: Pxxxxxxx, W1xxxxxxx
Manufacturer: Biochain Inst., Inc. 39600 Eureka Drive, Newark, CA 94560, USA
Contact: 510-783-8588 (Tel) or 510-783-5386 (Fax), Info@biochain.com, www.biochain.com
Validation Date: 12/15/2007

MSDS#
Component/Item (and Parts number if listed)
HEPES (pH 7.9), $MgCl_2$, KCl, EDTA, Sucrose, Glycerol, NP-40 and a cocktail of protease inhibitor.

Section 2. Composition and Information on Hazardous (OSHA) Ingredients

All components may be considered bio-hazardous and may contain unidentified contagious material.

Section 3. Hazards Identification

Primary Routes of Entry:
Skin Absorption **(No);** Dermal/skin contact **(Yes);** Eye contact **(Yes);** Inhalation **(No);** Ingestion **(Yes);** Chronic Exposure **(No).**
Medical Conditions Aggravated by Exposure: Not available.
Potential Health Effects: Potential bacterial or viral infection.

Section 4. First Aid Measures

Skin contact: Promptly remove contamination and thoroughly wash affected areas with large amounts of water with 2% bleach for at least 15 minutes.
Eye contact: Immediately flush eyes with large amounts of water with lids lifted, for no less than 15-20 minutes.
Ingestion: Induce vomiting and get immediate medical attention.

Section 5. Fire Fighting Measures

Special Fire Fighting: Not Flammable.

Section 6. Accidental Release Measures

If released or spilled, absorb on neutral material and wash area thoroughly as infectious material.

Section 7. Handling and Storage

See User's Manual for storage information. Handling and use as infectious material. Work under fume hood. Protect workers and environment. Store product in a safe place. Avoid unauthorized access.

Section 8. Exposure Controls and Personal Protection

Effects of Overexposure: N/A
Respiratory Protection: Wear masks while handling protein sample.
Ventilation: General ventilation. Fume hoods should maintain a minimum face velocity of 100 lfm.
Protective Glove: General lab safe impermeable gloves
Eye Protection: Wear splash goggles or full-face shield. Keep eyewash station in working order.
Handling and Storage: Wear appropriate protective clothing and avoid using sharp material such as needle, blade or broken glasses. Store in cold.

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Environment Protection: Treat all lab supplies that have contaminated with protein product with 2% bleach for 30 minutes, then autoclave for reusing or through away as biohazards.

Section 9. Physical and Chemical Properties

Appearance: Solution.

Section 10. Stability and Reactivity

Stability and Reactivity: Stable at room temperature under normal storage conditions.

Section 11. Toxicological Information

N/A

Section 12. Ecological Information

The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations

Waste Disposal: Disposal any waste generated by working with this product as biohazards, such as gel running buffer, column washing or elute buffer, pipette tip, tubes, bench dapper or Kimwipe. 1) Treat waste with 2% bleach for 30 minutes; 2) autoclave; 3) through away as biohazards material.
Please consult local, state and federal regulation on additional guidance on disposal.

Section 14. Transport Information

Contact BCI for all transport information.

Section 15. Regulatory Information

N/A.

Section 16. Other Information

Validated by BCI Administration on 12/15/2007. Verified by BCI Administration and Printed on 12/29/2007.

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N/A - Not applicable or no information available.